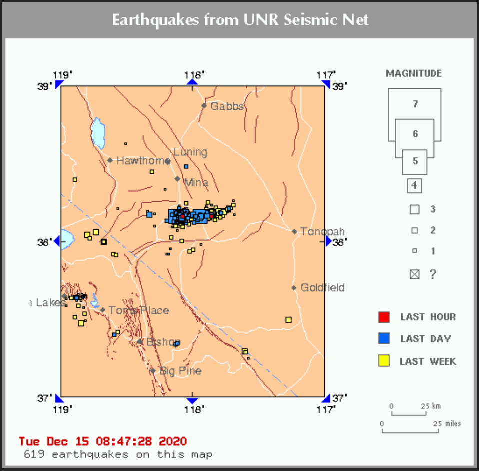
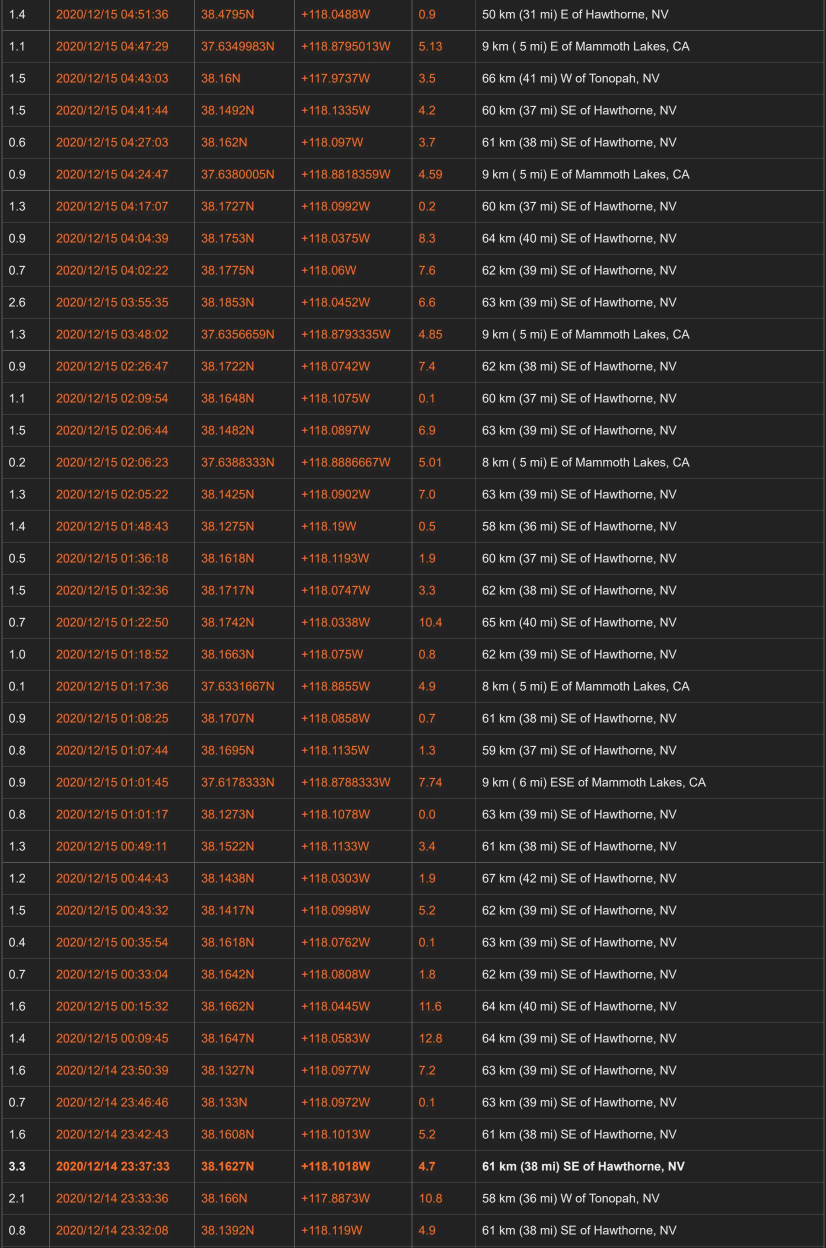
Recent Earthquakes in California and Nevada



Click on an earthquake on the above map for more information.
Click on an arrow at edge or corner of above map to go to an adjacent map.

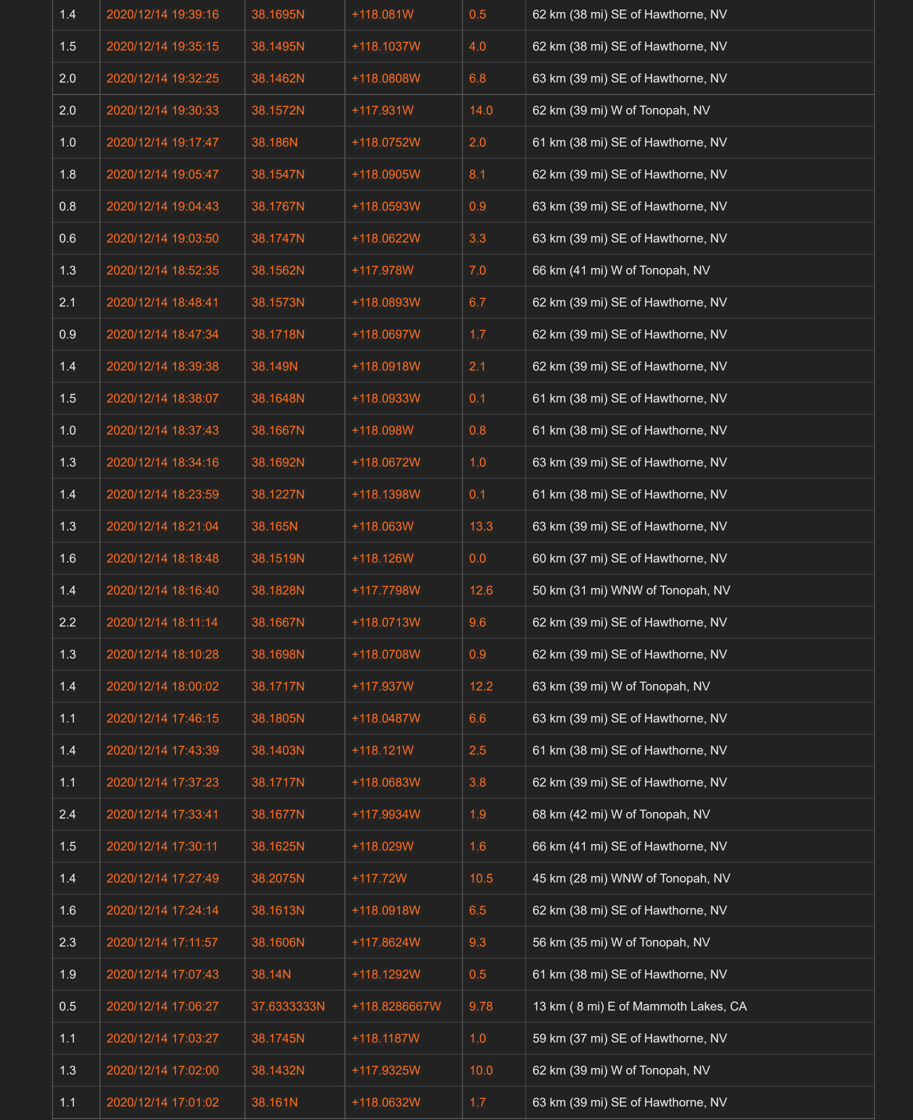
Update time = Tue Dec 15 08:47:28 2020
Here are the earthquakes appearing on this map, most recent at top ...

MAG	LOCAL DATETIME y/m/d h:m:s	LAT deg	LON deg	DEPTH km	LOCATION
1.4	2020/12/15 08:26:41	38.1582N	+117.8533W	10.2	55 km (34 mi) W of Tonopah, NV
1.4	2020/12/15 07:55:13	38.1605N	+118.07W	7.0	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/15 07:39:24	38.1673N	+118.1515W	0.0	57 km (36 mi) SE of Hawthorne, NV
2.4	2020/12/15 06:58:40	38.149N	+118.078W	6.4	63 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/15 06:54:51	38.1702N	+118.0677W	1.1	62 km (39 mi) SE of Hawthorne, NV
0.6	2020/12/15 06:38:04	38.1867N	+118.0435W	5.9	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/15 06:34:45	38.1372N	+118.074W	5.7	64 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/15 06:22:43	37.6334991N	+118.8789978W	5.35	9 km (5 mi) E of Mammoth Lakes, CA
1.3	2020/12/15 06:19:53	38.1668N	+118.0952W	1.3	61 km (38 mi) SE of Hawthorne, NV
1.4	2020/12/15 06:13:49	38.1883N	+117.888W	7.7	59 km (37 mi) WNW of Tonopah, NV
0.9	2020/12/15 05:53:28	38.1828N	+118.0905W	4.0	60 km (37 mi) SE of Hawthorne, NV
2.5	2020/12/15 05:43:45	38.1449N	+118.0767W	5.0	64 km (40 mi) SE of Hawthorne, NV
1.8	2020/12/15 05:35:29	38.145N	+118.0705W	7.0	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/15 05:29:19	38.1618N	+118.0847W	1.0	62 km (38 mi) SE of Hawthorne, NV
1.6	2020/12/15 04:56:35	38.1702N	+118.0538W	7.1	63 km (39 mi) SE of Hawthorne, NV

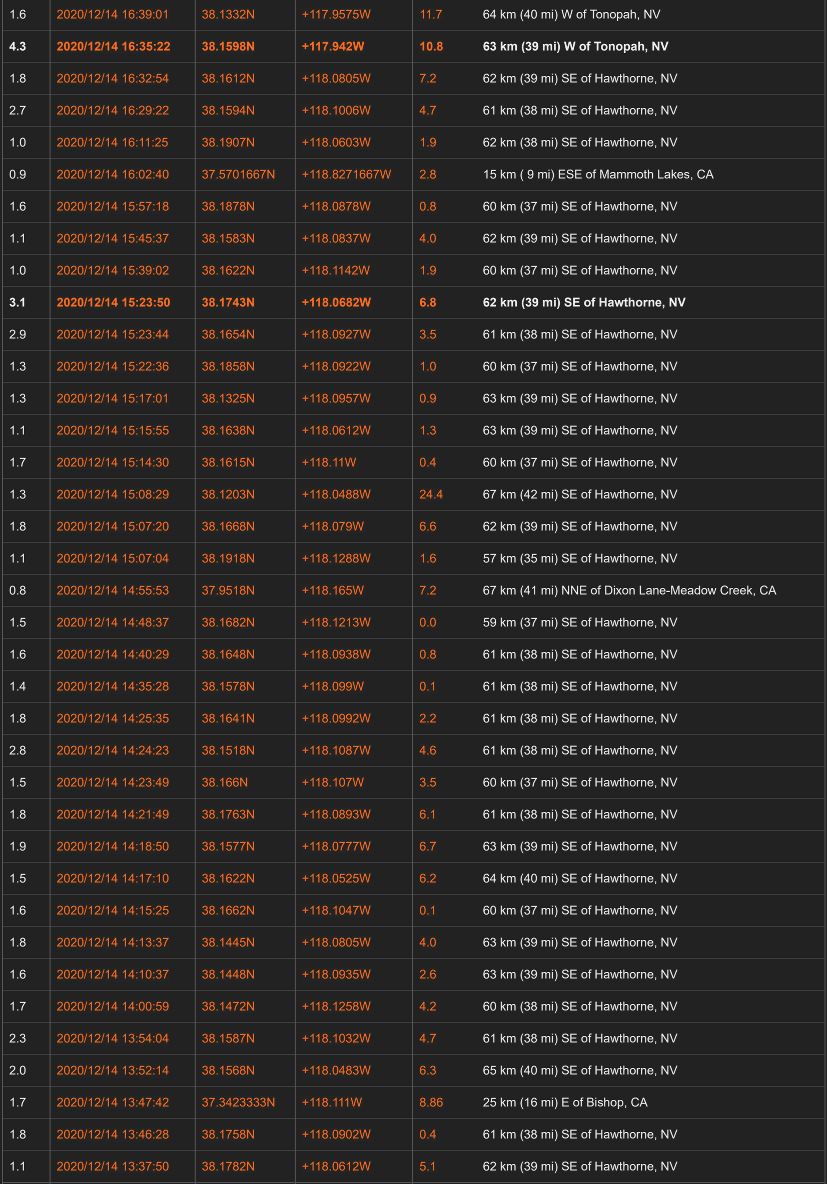


1.4	2020/12/15 04:51:36	38.4795N	+118.0488W	0.9	50 km (31 mi) E of Hawthorne, NV
1.1	2020/12/15 04:47:29	37.6349983N	+118.8795013W	5.13	9 km (5 mi) E of Mammoth Lakes, CA
1.5	2020/12/15 04:43:03	38.16N	+117.9737W	3.5	66 km (41 mi) W of Tonopah, NV
1.5	2020/12/15 04:41:44	38.1492N	+118.1335W	4.2	60 km (37 mi) SE of Hawthorne, NV
0.6	2020/12/15 04:27:03	38.162N	+118.097W	3.7	61 km (38 mi) SE of Hawthorne, NV
0.9	2020/12/15 04:24:47	37.6380005N	+118.8818359W	4.59	9 km (5 mi) E of Mammoth Lakes, CA
1.3	2020/12/15 04:17:07	38.1727N	+118.0992W	0.2	60 km (37 mi) SE of Hawthorne, NV
0.9	2020/12/15 04:04:39	38.1753N	+118.0375W	8.3	64 km (40 mi) SE of Hawthorne, NV
0.7	2020/12/15 04:02:22	38.1775N	+118.06W	7.6	62 km (39 mi) SE of Hawthorne, NV
2.6	2020/12/15 03:55:35	38.1853N	+118.0452W	6.6	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/15 03:48:02	37.6356659N	+118.8793335W	4.85	9 km (5 mi) E of Mammoth Lakes, CA
0.9	2020/12/15 02:26:47	38.1722N	+118.0742W	7.4	62 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/15 02:09:54	38.1648N	+118.1075W	0.1	60 km (37 mi) SE of Hawthorne, NV
1.5	2020/12/15 02:06:44	38.1482N	+118.0897W	6.9	63 km (39 mi) SE of Hawthorne, NV
0.2	2020/12/15 02:06:23	37.6388333N	+118.8886667W	5.01	8 km (5 mi) E of Mammoth Lakes, CA
1.3	2020/12/15 02:05:22	38.1425N	+118.0902W	7.0	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/15 01:48:43	38.1275N	+118.19W	0.5	58 km (36 mi) SE of Hawthorne, NV
0.5	2020/12/15 01:36:18	38.1618N	+118.1193W	1.9	60 km (37 mi) SE of Hawthorne, NV
1.5	2020/12/15 01:32:36	38.1717N	+118.0747W	3.3	62 km (38 mi) SE of Hawthorne, NV
0.7	2020/12/15 01:22:50	38.1742N	+118.0338W	10.4	65 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/15 01:18:52	38.1663N	+118.075W	0.8	62 km (39 mi) SE of Hawthorne, NV
0.1	2020/12/15 01:17:36	37.6331667N	+118.8855W	4.9	8 km (5 mi) E of Mammoth Lakes, CA
0.9	2020/12/15 01:08:25	38.1707N	+118.0858W	0.7	61 km (38 mi) SE of Hawthorne, NV
0.8	2020/12/15 01:07:44	38.1695N	+118.1135W	1.3	59 km (37 mi) SE of Hawthorne, NV
0.9	2020/12/15 01:01:45	37.6178333N	+118.8788333W	7.74	9 km (6 mi) ESE of Mammoth Lakes, CA
0.8	2020/12/15 01:01:17	38.1273N	+118.1078W	0.0	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/15 00:49:11	38.1522N	+118.1133W	3.4	61 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/15 00:44:43	38.1438N	+118.0303W	1.9	67 km (42 mi) SE of Hawthorne, NV
1.5	2020/12/15 00:43:32	38.1417N	+118.0998W	5.2	62 km (39 mi) SE of Hawthorne, NV
0.4	2020/12/15 00:35:54	38.1618N	+118.0762W	0.1	63 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/15 00:33:04	38.1642N	+118.0808W	1.8	62 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/15 00:15:32	38.1662N	+118.0445W	11.6	64 km (40 mi) SE of Hawthorne, NV
1.4	2020/12/15 00:09:45	38.1647N	+118.0583W	12.8	64 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/14 23:50:39	38.1327N	+118.0977W	7.2	63 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/14 23:46:46	38.133N	+118.0972W	0.1	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/14 23:42:43	38.1608N	+118.1013W	5.2	61 km (38 mi) SE of Hawthorne, NV
3.3	**2020/12/14 23:37:33**	**38.1627N**	**+118.1018W**	**4.7**	**61 km (38 mi) SE of Hawthorne, NV**
2.1	2020/12/14 23:33:36	38.166N	+117.8873W	10.8	58 km (36 mi) W of Tonopah, NV
0.8	2020/12/14 23:32:08	38.1392N	+118.119W	4.9	61 km (38 mi) SE of Hawthorne, NV

1.0	2020/12/14 23:24:36	38.1158N	+117.9898W	29.1	67 km (41 mi) W of Tonopah, NV
1.4	2020/12/14 23:23:16	38.1593N	+118.0607W	7.4	64 km (40 mi) SE of Hawthorne, NV
0.8	2020/12/14 23:19:09	38.1797N	+118.0513W	6.3	63 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/14 23:02:27	38.13N	+118.0797W	0.2	65 km (40 mi) SE of Hawthorne, NV
1.4	2020/12/14 23:01:02	38.1517N	+118.0897W	2.4	62 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/14 22:55:28	38.1748N	+118.0742W	2.3	62 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/14 22:46:40	37.3998333N	+118.5915W	9.51	13 km (8 mi) WNW of West Bishop, CA
0.8	2020/12/14 22:35:57	37.9172N	+118.1788W	1.7	63 km (39 mi) NNE of Dixon Lane-Meadow Creek, CA
1.4	2020/12/14 22:33:45	38.1528N	+118.0893W	0.0	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/14 22:29:14	37.6326667N	+118.8845W	4.64	8 km (5 mi) E of Mammoth Lakes, CA
0.9	2020/12/14 22:28:07	38.1675N	+118.1043W	2.0	60 km (37 mi) SE of Hawthorne, NV
1.8	2020/12/14 22:22:46	38.1438N	+118.0947W	5.6	63 km (39 mi) SE of Hawthorne, NV
1.9	2020/12/14 22:12:48	38.134N	+118.0677W	8.0	65 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/14 22:10:48	38.1733N	+118.0952W	3.0	60 km (38 mi) SE of Hawthorne, NV
0.7	2020/12/14 22:10:18	38.183N	+118.1112W	0.7	59 km (36 mi) SE of Hawthorne, NV
1.0	2020/12/14 22:03:08	38.1455N	+118.0963W	3.2	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/14 22:01:58	38.135N	+118.0802W	16.1	64 km (40 mi) SE of Hawthorne, NV
1.5	2020/12/14 21:59:54	38.134N	+118.0832W	0.9	64 km (40 mi) SE of Hawthorne, NV
3.3	**2020/12/14 21:54:42**	**38.1673N**	**+118.0907W**	**4.7**	**61 km (38 mi) SE of Hawthorne, NV**
1.9	2020/12/14 21:51:29	38.1353N	+118.081W	6.4	64 km (40 mi) SE of Hawthorne, NV
3.6	**2020/12/14 21:41:36**	**38.1478N**	**+118.0754W**	**5.1**	**64 km (40 mi) SE of Hawthorne, NV**
1.4	2020/12/14 21:40:49	38.1275N	+118.087W	7.9	64 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/14 21:38:00	38.1607N	+118.069W	12.4	63 km (39 mi) SE of Hawthorne, NV
2.0	2020/12/14 21:36:55	38.159N	+118.0718W	11.5	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/14 21:28:25	38.1645N	+118.11W	2.1	60 km (37 mi) SE of Hawthorne, NV
1.3	2020/12/14 21:17:49	38.1593N	+117.9747W	2.7	66 km (41 mi) W of Tonopah, NV
0.5	2020/12/14 21:17:23	38.1963N	+118.0428W	3.4	62 km (39 mi) SE of Hawthorne, NV
1.8	2020/12/14 20:59:10	38.1265N	+118.109W	6.3	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/14 20:44:42	38.1548N	+118.1148W	0.9	61 km (38 mi) SE of Hawthorne, NV
1.6	2020/12/14 20:41:51	38.1207N	+118.1122W	2.5	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/14 20:39:11	38.153N	+118.1157W	0.7	61 km (38 mi) SE of Hawthorne, NV
0.5	2020/12/14 20:36:34	38.1158N	+118.1262W	9.7	63 km (39 mi) SE of Hawthorne, NV
1.8	2020/12/14 20:21:16	38.144N	+117.961W	12.0	64 km (40 mi) W of Tonopah, NV
1.6	2020/12/14 20:13:30	38.1598N	+118.0472W	7.4	65 km (40 mi) SE of Hawthorne, NV
1.1	2020/12/14 20:12:57	38.1578N	+118.1053W	1.2	61 km (38 mi) SE of Hawthorne, NV
2.1	2020/12/14 20:02:48	38.158N	+118.1078W	6.8	61 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/14 20:01:56	38.1435N	+118.1195W	3.6	61 km (38 mi) SE of Hawthorne, NV
1.4	2020/12/14 20:01:00	38.1665N	+118.1028W	1.1	60 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/14 19:40:33	38.184N	+118.0732W	1.4	61 km (38 mi) SE of Hawthorne, NV



1.4	2020/12/14 19:39:16	38.1695N	+118.081W	0.5	62 km (38 mi) SE of Hawthorne, NV
1.5	2020/12/14 19:35:15	38.1495N	+118.1037W	4.0	62 km (38 mi) SE of Hawthorne, NV
2.0	2020/12/14 19:32:25	38.1462N	+118.0808W	6.8	63 km (39 mi) SE of Hawthorne, NV
2.0	2020/12/14 19:30:33	38.1572N	+117.931W	14.0	62 km (39 mi) W of Tonopah, NV
1.0	2020/12/14 19:17:47	38.186N	+118.0752W	2.0	61 km (38 mi) SE of Hawthorne, NV
1.8	2020/12/14 19:05:47	38.1547N	+118.0905W	8.1	62 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/14 19:04:43	38.1767N	+118.0593W	0.9	63 km (39 mi) SE of Hawthorne, NV
0.6	2020/12/14 19:03:50	38.1747N	+118.0622W	3.3	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/14 18:52:35	38.1562N	+117.978W	7.0	66 km (41 mi) W of Tonopah, NV
2.1	2020/12/14 18:48:41	38.1573N	+118.0893W	6.7	62 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/14 18:47:34	38.1718N	+118.0697W	1.7	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/14 18:39:38	38.149N	+118.0918W	2.1	62 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/14 18:38:07	38.1648N	+118.0933W	0.1	61 km (38 mi) SE of Hawthorne, NV
1.0	2020/12/14 18:37:43	38.1667N	+118.098W	0.8	61 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/14 18:34:16	38.1692N	+118.0672W	1.0	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/14 18:23:59	38.1227N	+118.1398W	0.1	61 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/14 18:21:04	38.165N	+118.063W	13.3	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/14 18:18:48	38.1519N	+118.126W	0.0	60 km (37 mi) SE of Hawthorne, NV
1.4	2020/12/14 18:16:40	38.1828N	+117.7798W	12.6	50 km (31 mi) WNW of Tonopah, NV
2.2	2020/12/14 18:11:14	38.1667N	+118.0713W	9.6	62 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/14 18:10:28	38.1698N	+118.0708W	0.9	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/14 18:00:02	38.1717N	+117.937W	12.2	63 km (39 mi) W of Tonopah, NV
1.1	2020/12/14 17:46:15	38.1805N	+118.0487W	6.6	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/14 17:43:39	38.1403N	+118.121W	2.5	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/14 17:37:23	38.1717N	+118.0683W	3.8	62 km (39 mi) SE of Hawthorne, NV
2.4	2020/12/14 17:33:41	38.1677N	+117.9934W	1.9	68 km (42 mi) W of Tonopah, NV
1.5	2020/12/14 17:30:11	38.1625N	+118.029W	1.6	66 km (41 mi) SE of Hawthorne, NV
1.4	2020/12/14 17:27:49	38.2075N	+117.72W	10.5	45 km (28 mi) WNW of Tonopah, NV
1.6	2020/12/14 17:24:14	38.1613N	+118.0918W	6.5	62 km (38 mi) SE of Hawthorne, NV
2.3	2020/12/14 17:11:57	38.1606N	+117.8624W	9.3	56 km (35 mi) W of Tonopah, NV
1.9	2020/12/14 17:07:43	38.14N	+118.1292W	0.5	61 km (38 mi) SE of Hawthorne, NV
0.5	2020/12/14 17:06:27	37.6333333N	+118.8286667W	9.78	13 km (8 mi) E of Mammoth Lakes, CA
1.1	2020/12/14 17:03:27	38.1745N	+118.1187W	1.0	59 km (37 mi) SE of Hawthorne, NV
1.3	2020/12/14 17:02:00	38.1432N	+117.9325W	10.0	62 km (39 mi) W of Tonopah, NV
1.1	2020/12/14 17:01:02	38.161N	+118.0632W	1.7	63 km (39 mi) SE of Hawthorne, NV



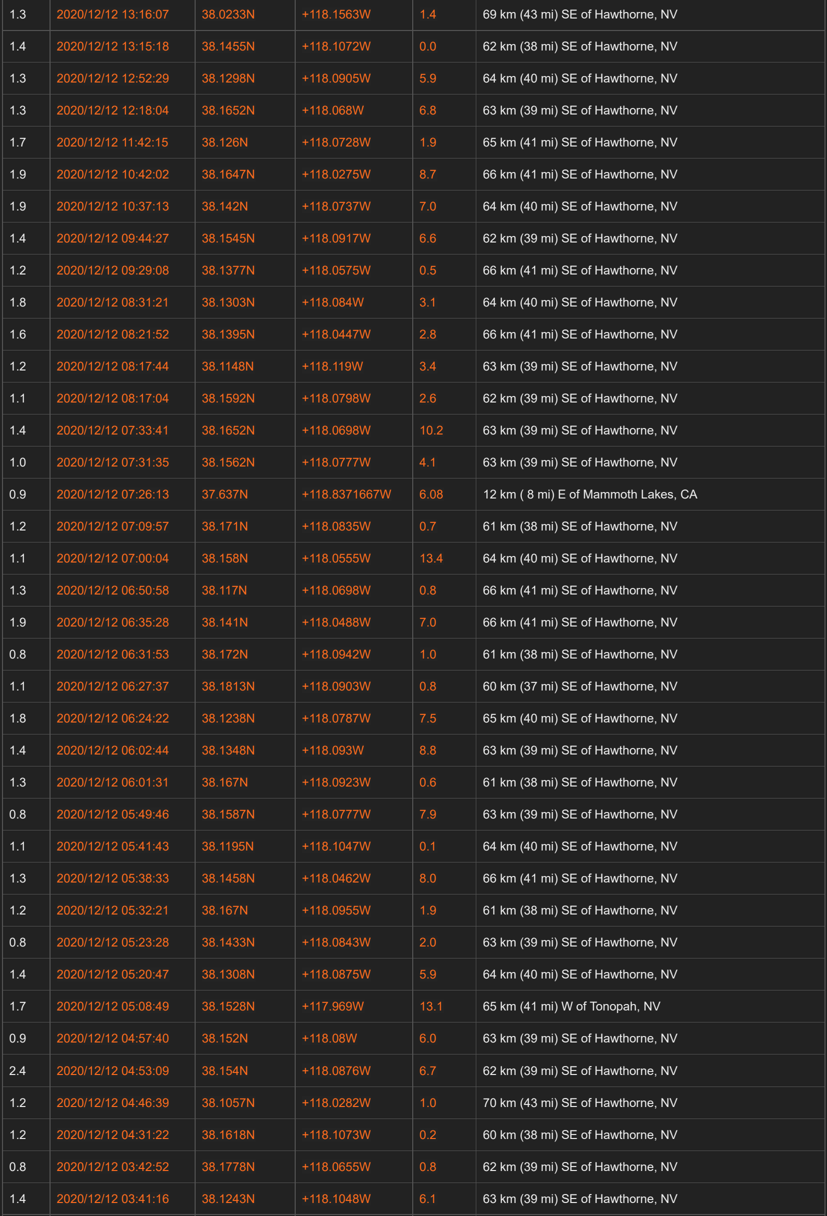
1.6	2020/12/14 16:39:01	38.1332N	+117.9575W	11.7	64 km (40 mi) W of Tonopah, NV
4.3	**2020/12/14 16:35:22**	**38.1598N**	**+117.942W**	**10.8**	**63 km (39 mi) W of Tonopah, NV**
1.8	2020/12/14 16:32:54	38.1612N	+118.0805W	7.2	62 km (39 mi) SE of Hawthorne, NV
2.7	2020/12/14 16:29:22	38.1594N	+118.1006W	4.7	61 km (38 mi) SE of Hawthorne, NV
1.0	2020/12/14 16:11:25	38.1907N	+118.0603W	1.9	62 km (38 mi) SE of Hawthorne, NV
0.9	2020/12/14 16:02:40	37.5701667N	+118.8271667W	2.8	15 km (9 mi) ESE of Mammoth Lakes, CA
1.6	2020/12/14 15:57:18	38.1878N	+118.0878W	0.8	60 km (37 mi) SE of Hawthorne, NV
1.1	2020/12/14 15:45:37	38.1583N	+118.0837W	4.0	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/14 15:39:02	38.1622N	+118.1142W	1.9	60 km (37 mi) SE of Hawthorne, NV
3.1	**2020/12/14 15:23:50**	**38.1743N**	**+118.0682W**	**6.8**	**62 km (39 mi) SE of Hawthorne, NV**
2.9	2020/12/14 15:23:44	38.1654N	+118.0927W	3.5	61 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/14 15:22:36	38.1858N	+118.0922W	1.0	60 km (37 mi) SE of Hawthorne, NV
1.3	2020/12/14 15:17:01	38.1325N	+118.0957W	0.9	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/14 15:15:55	38.1638N	+118.0612W	1.3	63 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/14 15:14:30	38.1615N	+118.11W	0.4	60 km (37 mi) SE of Hawthorne, NV
1.3	2020/12/14 15:08:29	38.1203N	+118.0488W	24.4	67 km (42 mi) SE of Hawthorne, NV
1.8	2020/12/14 15:07:20	38.1668N	+118.079W	6.6	62 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/14 15:07:04	38.1918N	+118.1288W	1.6	57 km (35 mi) SE of Hawthorne, NV
0.8	2020/12/14 14:55:53	37.9518N	+118.165W	7.2	67 km (41 mi) NNE of Dixon Lane-Meadow Creek, CA
1.5	2020/12/14 14:48:37	38.1682N	+118.1213W	0.0	59 km (37 mi) SE of Hawthorne, NV
1.6	2020/12/14 14:40:29	38.1648N	+118.0938W	0.8	61 km (38 mi) SE of Hawthorne, NV
1.4	2020/12/14 14:35:28	38.1578N	+118.099W	0.1	61 km (38 mi) SE of Hawthorne, NV
1.8	2020/12/14 14:25:35	38.1641N	+118.0992W	2.2	61 km (38 mi) SE of Hawthorne, NV
2.8	2020/12/14 14:24:23	38.1518N	+118.1087W	4.6	61 km (38 mi) SE of Hawthorne, NV
1.5	2020/12/14 14:23:49	38.166N	+118.107W	3.5	60 km (37 mi) SE of Hawthorne, NV
1.8	2020/12/14 14:21:49	38.1763N	+118.0893W	6.1	61 km (38 mi) SE of Hawthorne, NV
1.9	2020/12/14 14:18:50	38.1577N	+118.0777W	6.7	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/14 14:17:10	38.1622N	+118.0525W	6.2	64 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/14 14:15:25	38.1662N	+118.1047W	0.1	60 km (37 mi) SE of Hawthorne, NV
1.8	2020/12/14 14:13:37	38.1445N	+118.0805W	4.0	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/14 14:10:37	38.1448N	+118.0935W	2.6	63 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/14 14:00:59	38.1472N	+118.1258W	4.2	60 km (38 mi) SE of Hawthorne, NV
2.3	2020/12/14 13:54:04	38.1587N	+118.1032W	4.7	61 km (38 mi) SE of Hawthorne, NV
2.0	2020/12/14 13:52:14	38.1568N	+118.0483W	6.3	65 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/14 13:47:42	37.3423333N	+118.111W	8.86	25 km (16 mi) E of Bishop, CA
1.8	2020/12/14 13:46:28	38.1758N	+118.0902W	0.4	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/14 13:37:50	38.1782N	+118.0612W	5.1	62 km (39 mi) SE of Hawthorne, NV

1.4	2020/12/14 13:32:20	38.169N	+118.0982W	7.0	61 km (38 mi) SE of Hawthorne, NV
2.0	2020/12/14 13:25:47	38.1569N	+118.1007W	2.8	61 km (38 mi) SE of Hawthorne, NV
4.7	**2020/12/14 13:20:10**	**38.1554N**	**+118.1231W**	**5.2**	**60 km (37 mi) SE of Hawthorne, NV**
2.2	2020/12/14 13:18:03	38.1555N	+118.1247W	5.0	60 km (37 mi) SE of Hawthorne, NV
2.1	2020/12/14 13:16:49	38.1572N	+118.1224W	3.7	60 km (37 mi) SE of Hawthorne, NV
0.8	2020/12/14 12:47:29	38.2325N	+117.855W	3.9	58 km (36 mi) WNW of Tonopah, NV
0.9	2020/12/14 12:39:05	38.1703N	+118.0548W	11.8	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/14 12:24:42	38.1667N	+118.0997W	4.7	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/14 12:23:29	38.1832N	+118.0698W	1.0	61 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/14 12:22:37	38.1442N	+118.0993W	6.5	62 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/14 12:17:21	38.209N	+118.1017W	2.3	57 km (36 mi) SE of Hawthorne, NV
2.4	2020/12/14 12:13:31	38.1582N	+118.0865W	7.2	62 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/14 11:34:39	38.1225N	+118.0967W	1.0	64 km (40 mi) SE of Hawthorne, NV
1.8	2020/12/14 11:24:11	37.3373333N	+118.125W	10.14	24 km (15 mi) E of Bishop, CA
0.8	2020/12/14 11:16:56	38.1747N	+117.8658W	10.5	57 km (35 mi) WNW of Tonopah, NV
1.0	2020/12/14 11:11:00	38.1638N	+118.0807W	7.2	62 km (39 mi) SE of Hawthorne, NV
2.1	2020/12/14 09:20:31	38.1695N	+118.323W	10.1	47 km (29 mi) SE of Hawthorne, NV
1.1	2020/12/14 09:09:36	38.166N	+118.0923W	5.6	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/14 08:58:22	38.1558N	+118.0007W	6.7	68 km (42 mi) W of Tonopah, NV
0.9	2020/12/14 08:52:27	38.16N	+118.054W	12.4	64 km (40 mi) SE of Hawthorne, NV
1.2	2020/12/14 08:41:57	38.161N	+117.8447W	6.9	55 km (34 mi) W of Tonopah, NV
1.7	2020/12/14 08:31:46	38.159N	+118.114W	4.7	60 km (37 mi) SE of Hawthorne, NV
0.9	2020/12/14 08:25:22	38.1333N	+118.0876W	3.4	64 km (40 mi) SE of Hawthorne, NV
1.1	2020/12/14 08:10:15	38.1502N	+118.0792W	2.7	63 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/14 05:30:11	37.2433N	+117.5725W	0.1	64 km (40 mi) E of Big Pine, CA
1.0	2020/12/14 05:24:42	38.1241N	+118.0855W	2.8	65 km (40 mi) SE of Hawthorne, NV
0.2	2020/12/14 05:24:35	38.2069N	+118.5653W	4.0	36 km (22 mi) S of Hawthorne, NV
0.8	2020/12/14 05:12:23	38.1683N	+118.0655W	4.0	63 km (39 mi) SE of Hawthorne, NV
0.5	2020/12/14 04:18:38	38.1727N	+118.2888W	3.7	49 km (30 mi) SE of Hawthorne, NV
0.9	2020/12/14 04:06:19	38.1605N	+118.0737W	7.3	63 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/14 03:46:38	38.1745N	+118.0667W	5.7	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/14 03:32:58	38.1703N	+118.0275W	26.4	65 km (41 mi) SE of Hawthorne, NV
0.9	2020/12/14 03:31:43	38.1495N	+118.1285W	0.6	60 km (37 mi) SE of Hawthorne, NV
1.4	2020/12/14 03:18:43	38.1398N	+118.004W	1.0	68 km (42 mi) W of Tonopah, NV
1.6	2020/12/14 02:55:28	37.2868N	+117.5967W	6.2	63 km (39 mi) ENE of Big Pine, CA
1.6	2020/12/14 02:46:25	38.1497N	+117.7903W	6.5	50 km (31 mi) W of Tonopah, NV
1.8	2020/12/14 02:27:07	38.1522N	+118.0992W	5.4	62 km (38 mi) SE of Hawthorne, NV

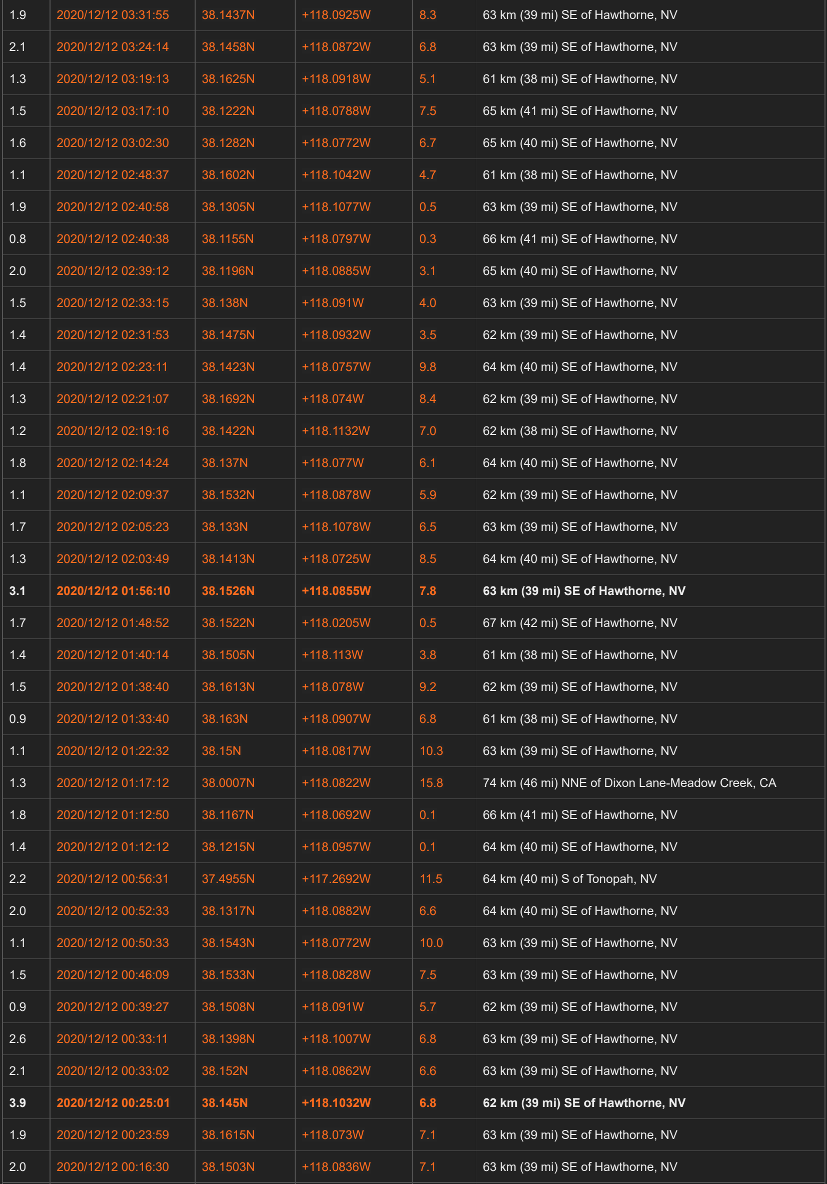
0.5	2020/12/14 02:11:06	37.6568333N	+118.8615W	3.5	11 km (7 mi) ENE of Mammoth Lakes, CA
0.9	2020/12/14 01:55:21	38.1592N	+117.9845W	8.0	67 km (41 mi) W of Tonopah, NV
0.8	2020/12/14 00:46:35	38.1315N	+118.0597W	7.4	66 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/14 00:40:46	38.15N	+118.0735W	10.8	64 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/14 00:22:05	38.1553N	+118.1013W	2.4	61 km (38 mi) SE of Hawthorne, NV
1.8	2020/12/14 00:18:27	38.1495N	+118.0728W	12.0	64 km (40 mi) SE of Hawthorne, NV
1.4	2020/12/13 23:34:41	38.1343N	+118.0945W	4.6	63 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/13 23:33:11	38.1745N	+118.1038W	4.0	60 km (37 mi) SE of Hawthorne, NV
0.6	2020/12/13 23:23:40	38.149N	+118.0985W	5.7	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/13 23:22:20	37.6345N	+118.916W	1.22	6 km (3 mi) E of Mammoth Lakes, CA
2.2	2020/12/13 23:20:31	37.2922N	+117.6034W	6.0	62 km (39 mi) ENE of Big Pine, CA
1.3	2020/12/13 23:19:32	38.126N	+118.079W	9.9	65 km (40 mi) SE of Hawthorne, NV
1.2	2020/12/13 23:17:18	38.0938N	+118.1243W	7.4	65 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/13 21:10:37	38.147N	+118.094W	8.4	62 km (39 mi) SE of Hawthorne, NV
0.5	2020/12/13 20:41:39	38.1617N	+118.0808W	1.7	62 km (39 mi) SE of Hawthorne, NV
2.2	2020/12/13 20:38:10	38.1498N	+117.8816W	9.9	58 km (36 mi) W of Tonopah, NV
2.5	2020/12/13 20:36:42	38.1499N	+117.8824W	10.4	58 km (36 mi) W of Tonopah, NV
0.6	2020/12/13 20:34:47	38.1748N	+118.074W	3.7	62 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/13 20:17:11	37.6325N	+118.8718333W	5.92	9 km (6 mi) E of Mammoth Lakes, CA
1.4	2020/12/13 19:42:07	38.169N	+117.8883W	12.6	59 km (36 mi) W of Tonopah, NV
0.3	2020/12/13 19:39:36	38.1612N	+118.0763W	7.7	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/13 19:31:18	37.531N	+118.8155W	4.1	19 km (12 mi) SE of Mammoth Lakes, CA
2.0	2020/12/13 19:26:26	38.1676N	+117.8502W	8.7	55 km (34 mi) WNW of Tonopah, NV
1.0	2020/12/13 18:47:05	38.18N	+118.0542W	9.2	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/13 18:42:58	38.1462N	+118.0385W	0.1	66 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/13 18:27:39	38.1262N	+118.071W	0.3	65 km (41 mi) SE of Hawthorne, NV
1.4	2020/12/13 18:05:05	38.1632N	+118.0617W	8.2	63 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/13 17:24:46	38.1558N	+118.089W	7.4	62 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/13 16:57:25	38.1353N	+118.0975W	3.5	63 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/13 16:39:38	37.9167N	+118.1917W	7.6	62 km (39 mi) NNE of Dixon Lane-Meadow Creek, CA
1.4	2020/12/13 16:29:12	38.1467N	+118.0597W	19.1	65 km (40 mi) SE of Hawthorne, NV
1.4	2020/12/13 16:10:12	38.1842N	+118.0468W	9.6	63 km (39 mi) SE of Hawthorne, NV
1.9	2020/12/13 16:05:26	38.1236N	+118.0896W	3.5	64 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/13 14:55:30	38.1427N	+118.0682W	8.9	64 km (40 mi) SE of Hawthorne, NV
1.1	2020/12/13 14:48:01	38.1512N	+117.8883W	11.1	58 km (36 mi) W of Tonopah, NV
1.3	2020/12/13 13:42:45	38.1358N	+118.0932W	0.9	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/13 12:58:15	38.1113N	+118.094W	5.0	65 km (41 mi) SE of Hawthorne, NV
0.4	2020/12/13 12:19:48	38.1558N	+118.0708W	8.3	63 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/13 12:11:05	38.1532N	+118.0985W	5.6	62 km (38 mi) SE of Hawthorne, NV

0.5	2020/12/13 10:47:45	37.6411667N	+118.9295W	4.91	4 km (3 mi) E of Mammoth Lakes, CA
1.4	2020/12/13 10:18:21	38.1337N	+117.9592W	10.9	64 km (40 mi) W of Tonopah, NV
1.8	2020/12/13 10:07:32	38.1717N	+118.0603W	7.0	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/13 09:23:09	38.1675N	+118.0822W	3.7	62 km (38 mi) SE of Hawthorne, NV
1.5	2020/12/13 08:50:04	38.1512N	+118.096W	1.6	62 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/13 07:46:08	38.1187N	+118.0752W	1.8	66 km (41 mi) SE of Hawthorne, NV
1.0	2020/12/13 07:33:34	38.1935N	+117.8892W	10.2	59 km (37 mi) WNW of Tonopah, NV
1.8	2020/12/13 06:57:52	38.1475N	+118.0723W	11.1	64 km (40 mi) SE of Hawthorne, NV
2.3	2020/12/13 06:38:38	38.1644N	+117.8514W	8.2	55 km (34 mi) W of Tonopah, NV
1.9	2020/12/13 06:35:08	38.1372N	+118.0948W	9.3	63 km (39 mi) SE of Hawthorne, NV
0.5	2020/12/13 06:09:37	38.1387N	+118.1055W	6.1	62 km (39 mi) SE of Hawthorne, NV
0.5	2020/12/13 05:56:30	38.1737N	+117.8662W	9.8	57 km (35 mi) WNW of Tonopah, NV
0.4	2020/12/13 05:28:33	37.6408333N	+118.811W	5.18	15 km (9 mi) E of Mammoth Lakes, CA
1.9	2020/12/13 05:17:55	38.1563N	+118.0982W	2.4	61 km (38 mi) SE of Hawthorne, NV
1.5	2020/12/13 05:04:06	38.1535N	+118.0753W	10.1	63 km (39 mi) SE of Hawthorne, NV
2.5	2020/12/13 04:10:52	38.147N	+117.8848W	9.5	58 km (36 mi) W of Tonopah, NV
1.3	2020/12/13 03:58:01	38.1417N	+118.0962W	0.0	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/13 03:55:24	38.1558N	+118.078W	9.7	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/13 03:39:21	38.146N	+118.1002W	4.3	62 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/13 03:19:13	38.1632N	+118.072W	10.9	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/13 03:12:14	38.1462N	+118.0773W	5.0	64 km (40 mi) SE of Hawthorne, NV
0.8	2020/12/13 03:06:02	38.1677N	+118.08W	13.7	62 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/13 03:02:17	38.1732N	+117.8927W	13.4	59 km (37 mi) WNW of Tonopah, NV
1.7	2020/12/13 02:51:31	38.1277N	+118.097W	3.2	64 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/13 02:45:08	38.1568N	+117.8987W	13.7	59 km (37 mi) W of Tonopah, NV
2.9	2020/12/13 02:37:24	37.4708328N	+118.8463364W	6.41	22 km (14 mi) SSE of Mammoth Lakes, CA
0.7	2020/12/13 02:32:28	37.6446667N	+118.8143333W	7.55	15 km (9 mi) E of Mammoth Lakes, CA
1.1	2020/12/13 02:27:58	38.0178N	+118.7757W	0.2	46 km (29 mi) NNE of Mammoth Lakes, CA
1.1	2020/12/13 02:04:16	38.1548N	+118.1087W	0.9	61 km (38 mi) SE of Hawthorne, NV
1.7	2020/12/13 01:29:43	38.2047N	+117.7352W	9.3	47 km (29 mi) WNW of Tonopah, NV
1.4	2020/12/13 00:48:07	38.1522N	+118.0723W	10.9	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/13 00:44:18	38.1257N	+118.0897W	0.5	64 km (40 mi) SE of Hawthorne, NV
0.9	2020/12/13 00:36:01	38.0933N	+118.2888W	7.9	56 km (35 mi) SSE of Hawthorne, NV
1.1	2020/12/12 23:58:26	38.1532N	+118.085W	5.0	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/12 23:30:09	38.1685N	+118.058W	9.1	63 km (39 mi) SE of Hawthorne, NV
0.3	2020/12/12 23:27:19	38.1357N	+118.0987W	7.0	63 km (39 mi) SE of Hawthorne, NV
0.3	2020/12/12 23:09:19	38.1402N	+118.0148W	2.1	68 km (42 mi) SE of Hawthorne, NV
1.5	2020/12/12 22:36:26	38.1768N	+118.0593W	7.6	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/12 21:53:02	38.1305N	+118.1023W	4.0	63 km (39 mi) SE of Hawthorne, NV

0.9	2020/12/12 21:48:17	38.161N	+118.0615W	11.7	64 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/12 21:29:49	38.1728N	+118.063W	0.9	63 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/12 20:43:53	38.1902N	+117.8552W	4.0	56 km (35 mi) WNW of Tonopah, NV
0.7	2020/12/12 20:35:03	38.177N	+117.8518W	5.8	56 km (35 mi) WNW of Tonopah, NV
0.9	2020/12/12 20:31:45	38.1465N	+118.085W	4.6	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/12 20:26:27	38.1698N	+118.0943W	1.9	61 km (38 mi) SE of Hawthorne, NV
0.6	2020/12/12 20:24:24	38.1592N	+117.9815W	2.3	66 km (41 mi) W of Tonopah, NV
1.0	2020/12/12 19:54:00	38.1607N	+117.9702W	12.7	66 km (41 mi) W of Tonopah, NV
1.7	2020/12/12 19:37:20	38.1731N	+118.0702W	4.7	62 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/12 19:35:21	38.1453N	+118.0782W	2.0	64 km (40 mi) SE of Hawthorne, NV
0.4	2020/12/12 19:33:49	38.3323N	+118.2053W	2.2	42 km (26 mi) ESE of Hawthorne, NV
1.1	2020/12/12 19:32:04	38.1788N	+118.1025W	5.5	60 km (37 mi) SE of Hawthorne, NV
1.3	2020/12/12 19:25:03	38.1588N	+118.0778W	10.9	63 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/12 19:20:52	38.1527N	+118.0922W	10.9	62 km (39 mi) SE of Hawthorne, NV
0.6	2020/12/12 19:09:39	38.1505N	+118.0428W	0.9	66 km (41 mi) SE of Hawthorne, NV
1.4	2020/12/12 19:06:13	38.1353N	+118.0855W	3.3	64 km (40 mi) SE of Hawthorne, NV
0.4	2020/12/12 19:04:20	38.1863N	+118.0638W	2.2	62 km (38 mi) SE of Hawthorne, NV
0.7	2020/12/12 18:36:41	38.1668N	+117.898W	11.3	59 km (37 mi) W of Tonopah, NV
1.1	2020/12/12 18:05:33	38.1443N	+118.0798W	0.9	64 km (39 mi) SE of Hawthorne, NV
2.0	2020/12/12 17:45:55	38.0386658N	+118.7963333W	2.54	47 km (29 mi) NNE of Mammoth Lakes, CA
1.9	2020/12/12 17:45:18	37.4125N	+118.5666667W	9.31	11 km (7 mi) WNW of West Bishop, CA
1.4	2020/12/12 17:41:38	38.1293N	+118.0858W	6.3	64 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/12 17:33:34	38.1413N	+118.0798W	7.3	64 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/12 17:31:03	38.1577N	+118.0853W	6.8	62 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/12 17:30:14	38.1418N	+118.0717W	3.4	64 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/12 17:23:57	38.132N	+118.0707W	6.5	65 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/12 17:20:13	38.1212N	+118.1178W	2.7	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/12 17:19:18	38.1495N	+118.0838W	6.6	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/12 16:55:57	38.1205N	+118.0892W	0.0	65 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/12 16:49:57	38.1605N	+118.088W	7.8	62 km (38 mi) SE of Hawthorne, NV
1.6	2020/12/12 16:24:35	38.1248N	+118.0873W	4.6	65 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/12 16:09:12	38.177N	+117.869W	13.0	57 km (35 mi) WNW of Tonopah, NV
0.9	2020/12/12 15:56:22	37.6383333N	+118.8998333W	3.93	7 km (4 mi) E of Mammoth Lakes, CA
1.0	2020/12/12 15:13:51	38.1573N	+118.0775W	0.1	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 15:07:31	38.1573N	+118.0877W	10.0	62 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/12 14:09:08	38.155N	+118.1042W	0.1	61 km (38 mi) SE of Hawthorne, NV
0.6	2020/12/12 13:40:20	38.1607N	+117.9773W	6.9	66 km (41 mi) W of Tonopah, NV
1.1	2020/12/12 13:39:06	38.1623N	+118.0962W	1.8	61 km (38 mi) SE of Hawthorne, NV
1.0	2020/12/12 13:25:40	38.1242N	+118.1007W	3.8	64 km (40 mi) SE of Hawthorne, NV



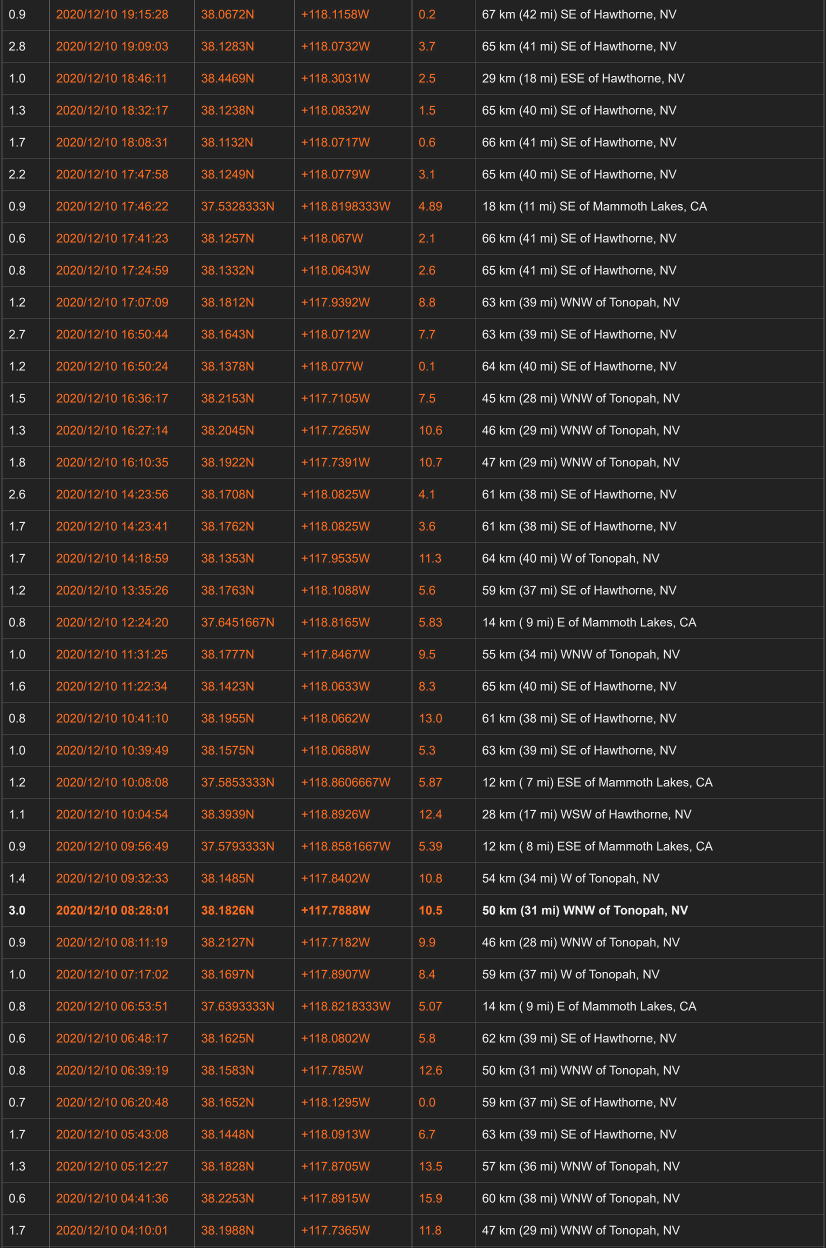
1.3	2020/12/12 13:16:07	38.0233N	+118.1563W	1.4	69 km (43 mi) SE of Hawthorne, NV
1.4	2020/12/12 13:15:18	38.1455N	+118.1072W	0.0	62 km (38 mi) SE of Hawthorne, NV
1.3	2020/12/12 12:52:29	38.1298N	+118.0905W	5.9	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/12 12:18:04	38.1652N	+118.068W	6.8	63 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/12 11:42:15	38.126N	+118.0728W	1.9	65 km (41 mi) SE of Hawthorne, NV
1.9	2020/12/12 10:42:02	38.1647N	+118.0275W	8.7	66 km (41 mi) SE of Hawthorne, NV
1.9	2020/12/12 10:37:13	38.142N	+118.0737W	7.0	64 km (40 mi) SE of Hawthorne, NV
1.4	2020/12/12 09:44:27	38.1545N	+118.0917W	6.6	62 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/12 09:29:08	38.1377N	+118.0575W	0.5	66 km (41 mi) SE of Hawthorne, NV
1.8	2020/12/12 08:31:21	38.1303N	+118.084W	3.1	64 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/12 08:21:52	38.1395N	+118.0447W	2.8	66 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/12 08:17:44	38.1148N	+118.119W	3.4	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/12 08:17:04	38.1592N	+118.0798W	2.6	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 07:33:41	38.1652N	+118.0698W	10.2	63 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/12 07:31:35	38.1562N	+118.0777W	4.1	63 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/12 07:26:13	37.637N	+118.8371667W	6.08	12 km (8 mi) E of Mammoth Lakes, CA
1.2	2020/12/12 07:09:57	38.171N	+118.0835W	0.7	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/12 07:00:04	38.158N	+118.0555W	13.4	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/12 06:50:58	38.117N	+118.0698W	0.8	66 km (41 mi) SE of Hawthorne, NV
1.9	2020/12/12 06:35:28	38.141N	+118.0488W	7.0	66 km (41 mi) SE of Hawthorne, NV
0.8	2020/12/12 06:31:53	38.172N	+118.0942W	1.0	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/12 06:27:37	38.1813N	+118.0903W	0.8	60 km (37 mi) SE of Hawthorne, NV
1.8	2020/12/12 06:24:22	38.1238N	+118.0787W	7.5	65 km (40 mi) SE of Hawthorne, NV
1.4	2020/12/12 06:02:44	38.1348N	+118.093W	8.8	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/12 06:01:31	38.167N	+118.0923W	0.6	61 km (38 mi) SE of Hawthorne, NV
0.8	2020/12/12 05:49:46	38.1587N	+118.0777W	7.9	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/12 05:41:43	38.1195N	+118.1047W	0.1	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/12 05:38:33	38.1458N	+118.0462W	8.0	66 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/12 05:32:21	38.167N	+118.0955W	1.9	61 km (38 mi) SE of Hawthorne, NV
0.8	2020/12/12 05:23:28	38.1433N	+118.0843W	2.0	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 05:20:47	38.1308N	+118.0875W	5.9	64 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/12 05:08:49	38.1528N	+117.969W	13.1	65 km (41 mi) W of Tonopah, NV
0.9	2020/12/12 04:57:40	38.152N	+118.08W	6.0	63 km (39 mi) SE of Hawthorne, NV
2.4	2020/12/12 04:53:09	38.154N	+118.0876W	6.7	62 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/12 04:46:39	38.1057N	+118.0282W	1.0	70 km (43 mi) SE of Hawthorne, NV
1.2	2020/12/12 04:31:22	38.1618N	+118.1073W	0.2	60 km (38 mi) SE of Hawthorne, NV
0.8	2020/12/12 03:42:52	38.1778N	+118.0655W	0.8	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 03:41:16	38.1243N	+118.1048W	6.1	63 km (39 mi) SE of Hawthorne, NV



1.9	2020/12/12 03:31:55	38.1437N	+118.0925W	8.3	63 km (39 mi) SE of Hawthorne, NV
2.1	2020/12/12 03:24:14	38.1458N	+118.0872W	6.8	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/12 03:19:13	38.1625N	+118.0918W	5.1	61 km (38 mi) SE of Hawthorne, NV
1.5	2020/12/12 03:17:10	38.1222N	+118.0788W	7.5	65 km (41 mi) SE of Hawthorne, NV
1.6	2020/12/12 03:02:30	38.1282N	+118.0772W	6.7	65 km (40 mi) SE of Hawthorne, NV
1.1	2020/12/12 02:48:37	38.1602N	+118.1042W	4.7	61 km (38 mi) SE of Hawthorne, NV
1.9	2020/12/12 02:40:58	38.1305N	+118.1077W	0.5	63 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/12 02:40:38	38.1155N	+118.0797W	0.3	66 km (41 mi) SE of Hawthorne, NV
2.0	2020/12/12 02:39:12	38.1196N	+118.0885W	3.1	65 km (40 mi) SE of Hawthorne, NV
1.5	2020/12/12 02:33:15	38.138N	+118.091W	4.0	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 02:31:53	38.1475N	+118.0932W	3.5	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 02:23:11	38.1423N	+118.0757W	9.8	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/12 02:21:07	38.1692N	+118.074W	8.4	62 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/12 02:19:16	38.1422N	+118.1132W	7.0	62 km (38 mi) SE of Hawthorne, NV
1.8	2020/12/12 02:14:24	38.137N	+118.077W	6.1	64 km (40 mi) SE of Hawthorne, NV
1.1	2020/12/12 02:09:37	38.1532N	+118.0878W	5.9	62 km (39 mi) SE of Hawthorne, NV
1.7	2020/12/12 02:05:23	38.133N	+118.1078W	6.5	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/12 02:03:49	38.1413N	+118.0725W	8.5	64 km (40 mi) SE of Hawthorne, NV
3.1	**2020/12/12 01:56:10**	**38.1526N**	**+118.0855W**	**7.8**	**63 km (39 mi) SE of Hawthorne, NV**
1.7	2020/12/12 01:48:52	38.1522N	+118.0205W	0.5	67 km (42 mi) SE of Hawthorne, NV
1.4	2020/12/12 01:40:14	38.1505N	+118.113W	3.8	61 km (38 mi) SE of Hawthorne, NV
1.5	2020/12/12 01:38:40	38.1613N	+118.078W	9.2	62 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/12 01:33:40	38.163N	+118.0907W	6.8	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/12 01:22:32	38.15N	+118.0817W	10.3	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/12 01:17:12	38.0007N	+118.0822W	15.8	74 km (46 mi) NNE of Dixon Lane-Meadow Creek, CA
1.8	2020/12/12 01:12:50	38.1167N	+118.0692W	0.1	66 km (41 mi) SE of Hawthorne, NV
1.4	2020/12/12 01:12:12	38.1215N	+118.0957W	0.1	64 km (40 mi) SE of Hawthorne, NV
2.2	2020/12/12 00:56:31	37.4955N	+117.2692W	11.5	64 km (40 mi) S of Tonopah, NV
2.0	2020/12/12 00:52:33	38.1317N	+118.0882W	6.6	64 km (40 mi) SE of Hawthorne, NV
1.1	2020/12/12 00:50:33	38.1543N	+118.0772W	10.0	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/12 00:46:09	38.1533N	+118.0828W	7.5	63 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/12 00:39:27	38.1508N	+118.091W	5.7	62 km (39 mi) SE of Hawthorne, NV
2.6	2020/12/12 00:33:11	38.1398N	+118.1007W	6.8	63 km (39 mi) SE of Hawthorne, NV
2.1	2020/12/12 00:33:02	38.152N	+118.0862W	6.6	63 km (39 mi) SE of Hawthorne, NV
3.9	**2020/12/12 00:25:01**	**38.145N**	**+118.1032W**	**6.8**	**62 km (39 mi) SE of Hawthorne, NV**
1.9	2020/12/12 00:23:59	38.1615N	+118.073W	7.1	63 km (39 mi) SE of Hawthorne, NV
2.0	2020/12/12 00:16:30	38.1503N	+118.0836W	7.1	63 km (39 mi) SE of Hawthorne, NV

2.1	2020/12/12 00:10:00	38.1547N	+118.0836W	7.0	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/12 00:01:28	38.1128N	+118.1052W	0.5	64 km (40 mi) SE of Hawthorne, NV
1.8	2020/12/11 23:57:36	38.2408N	+118.0452W	0.4	59 km (37 mi) ESE of Hawthorne, NV
3.7	**2020/12/11 23:52:59**	**38.1604N**	**+118.0928W**	**5.0**	**62 km (38 mi) SE of Hawthorne, NV**
4.9	**2020/12/11 23:50:52**	**38.1497N**	**+118.1008W**	**6.4**	**62 km (38 mi) SE of Hawthorne, NV**
1.3	2020/12/11 22:58:00	38.1673N	+118.0498W	10.8	64 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/11 22:08:20	38.1718N	+118.051W	9.4	64 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/11 21:42:46	38.1365N	+118.0872W	0.6	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/11 21:41:22	38.1575N	+117.838W	11.0	54 km (34 mi) W of Tonopah, NV
1.3	2020/12/11 21:33:16	38.158N	+118.049W	15.5	65 km (40 mi) SE of Hawthorne, NV
0.8	2020/12/11 20:41:06	38.17N	+117.6802W	11.2	41 km (25 mi) WNW of Tonopah, NV
1.8	2020/12/11 20:33:51	38.1582N	+118.0717W	9.0	63 km (39 mi) SE of Hawthorne, NV
2.6	2020/12/11 20:06:43	38.1633N	+118.0894W	3.9	62 km (38 mi) SE of Hawthorne, NV
1.8	2020/12/11 15:53:36	38.1363N	+117.9977W	7.2	68 km (42 mi) W of Tonopah, NV
1.2	2020/12/11 15:49:25	38.1337N	+118.009W	8.1	68 km (43 mi) W of Tonopah, NV
1.1	2020/12/11 15:42:51	38.1552N	+117.9092W	6.7	60 km (37 mi) W of Tonopah, NV
0.9	2020/12/11 14:35:44	38.174N	+118.082W	2.8	61 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/11 13:28:41	38.2302N	+117.686W	1.3	44 km (27 mi) WNW of Tonopah, NV
0.9	2020/12/11 13:13:16	38.1408N	+118.1017W	1.2	62 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/11 12:39:00	38.1355N	+117.8295W	4.9	53 km (33 mi) W of Tonopah, NV
1.5	2020/12/11 12:17:24	38.1502N	+118.0715W	8.1	64 km (40 mi) SE of Hawthorne, NV
1.3	2020/12/11 11:33:32	38.1435N	+118.0627W	5.5	65 km (40 mi) SE of Hawthorne, NV
0.8	2020/12/11 11:32:09	38.1748N	+117.8927W	12.1	59 km (37 mi) WNW of Tonopah, NV
1.1	2020/12/11 10:48:36	37.9428N	+117.9933W	0.2	68 km (42 mi) WSW of Tonopah, NV
0.9	2020/12/11 10:39:23	37.638N	+118.8308333W	5.24	13 km (8 mi) E of Mammoth Lakes, CA
2.7	2020/12/11 10:36:43	38.1859N	+117.7587W	10.6	48 km (30 mi) WNW of Tonopah, NV
1.5	2020/12/11 10:33:54	37.6445N	+118.8183333W	7.03	14 km (9 mi) E of Mammoth Lakes, CA
0.9	2020/12/11 10:11:35	38.159N	+117.915W	6.5	61 km (38 mi) W of Tonopah, NV
0.7	2020/12/11 09:31:56	37.9747N	+117.9353W	1.3	63 km (39 mi) W of Tonopah, NV
0.7	2020/12/11 09:24:49	38.1786N	+117.8954W	10.2	59 km (37 mi) WNW of Tonopah, NV
1.8	2020/12/11 08:42:13	38.1495N	+118.083W	6.1	63 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/11 08:12:39	38.1653N	+118.0717W	13.3	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/11 07:59:36	38.1853N	+117.7843W	12.0	50 km (31 mi) WNW of Tonopah, NV
1.0	2020/12/11 07:43:18	38.1528N	+118.09W	1.5	62 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/11 07:29:07	37.9298N	+118.0212W	0.5	70 km (43 mi) NNE of Dixon Lane-Meadow Creek, CA
0.9	2020/12/11 07:15:37	37.9405N	+118.006W	1.0	69 km (43 mi) WSW of Tonopah, NV
0.9	2020/12/11 07:02:22	38.1468N	+118.0547W	4.4	65 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/11 06:33:29	38.1523N	+117.9352W	14.7	62 km (39 mi) W of Tonopah, NV
0.9	2020/12/11 06:22:33	38.6275N	+118.5046W	9.2	15 km (10 mi) NE of Hawthorne, NV

1.1	2020/12/11 05:43:28	38.1553N	+118.0853W	4.2	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/11 05:40:24	38.197N	+118.0578W	4.9	61 km (38 mi) SE of Hawthorne, NV
1.0	2020/12/11 05:25:27	38.1995N	+117.7502W	8.9	48 km (30 mi) WNW of Tonopah, NV
1.5	2020/12/11 05:24:16	37.9918333N	+118.6703333W	6.24	48 km (30 mi) NE of Mammoth Lakes, CA
0.9	2020/12/11 05:22:42	38.2093N	+117.7267W	9.6	46 km (29 mi) WNW of Tonopah, NV
0.8	2020/12/11 05:14:25	38.1995N	+117.7698W	11.1	49 km (31 mi) WNW of Tonopah, NV
1.8	2020/12/11 05:07:45	38.1977N	+117.749W	12.0	48 km (30 mi) WNW of Tonopah, NV
1.7	2020/12/11 04:42:19	38.1988N	+117.748W	11.5	48 km (30 mi) WNW of Tonopah, NV
1.3	2020/12/11 04:28:54	38.1625N	+118.0668W	1.7	63 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/11 04:02:06	37.51N	+118.8875W	2.53	16 km (10 mi) SSE of Mammoth Lakes, CA
0.7	2020/12/11 03:49:27	38.167N	+118.0688W	3.9	63 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/11 03:38:19	38.1882N	+117.8408W	9.7	55 km (34 mi) WNW of Tonopah, NV
0.7	2020/12/11 03:24:16	38.1647N	+117.8982W	13.2	59 km (37 mi) W of Tonopah, NV
1.5	2020/12/11 03:12:18	38.1297N	+118.0975W	1.0	64 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/11 02:49:55	38.1383N	+118.105W	2.7	62 km (39 mi) SE of Hawthorne, NV
0.6	2020/12/11 02:36:39	37.5823333N	+118.9578333W	4.25	6 km (4 mi) SSE of Mammoth Lakes, CA
1.6	2020/12/11 02:16:55	38.1712N	+118.058W	9.7	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/11 02:14:32	38.1627N	+118.058W	9.7	64 km (40 mi) SE of Hawthorne, NV
0.9	2020/12/11 01:57:30	38.1298N	+118.0792W	0.8	65 km (40 mi) SE of Hawthorne, NV
1.2	2020/12/11 01:40:34	38.0947N	+118.114W	1.1	65 km (41 mi) SE of Hawthorne, NV
0.5	2020/12/11 01:13:35	38.1373N	+117.9277W	7.2	61 km (38 mi) W of Tonopah, NV
0.8	2020/12/11 00:41:47	38.1532N	+117.9062W	5.7	60 km (37 mi) W of Tonopah, NV
0.4	2020/12/11 00:32:55	38.1677N	+117.8948W	4.7	59 km (37 mi) W of Tonopah, NV
0.2	2020/12/11 00:11:23	38.1925N	+118.3406W	7.4	44 km (28 mi) SE of Hawthorne, NV
1.1	2020/12/11 00:03:59	38.1443N	+117.9632W	6.6	65 km (40 mi) W of Tonopah, NV
1.0	2020/12/10 23:52:52	38.1623N	+118.0732W	0.8	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/10 23:42:54	38.1785N	+118.0462W	7.9	63 km (39 mi) SE of Hawthorne, NV
0.7	2020/12/10 22:54:44	38.13N	+118.0788W	1.0	65 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/10 22:31:20	38.1198N	+118.0865W	4.0	65 km (40 mi) SE of Hawthorne, NV
0.6	2020/12/10 21:48:05	37.6263333N	+118.9581667W	6	2 km (1 mi) ESE of Mammoth Lakes, CA
1.1	2020/12/10 21:15:53	38.247N	+117.8835W	13.5	60 km (38 mi) WNW of Tonopah, NV
0.9	2020/12/10 20:33:48	38.1302N	+118.08W	1.2	65 km (40 mi) SE of Hawthorne, NV
1.6	2020/12/10 20:31:09	38.1577N	+118.0717W	5.7	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/10 20:12:09	38.1813N	+118.0418W	9.4	63 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/10 19:53:54	38.1738N	+117.7998W	7.1	51 km (32 mi) WNW of Tonopah, NV
0.9	2020/12/10 19:52:47	37.4851667N	+118.81W	4.26	23 km (14 mi) SE of Mammoth Lakes, CA
1.0	2020/12/10 19:48:16	38.1195N	+118.0842W	2.7	65 km (40 mi) SE of Hawthorne, NV
2.4	2020/12/10 19:32:58	38.1669N	+118.0733W	7.3	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/10 19:27:32	38.136N	+118.0683W	5.3	65 km (40 mi) SE of Hawthorne, NV



0.9	2020/12/10 19:15:28	38.0672N	+118.1158W	0.2	67 km (42 mi) SE of Hawthorne, NV
2.8	2020/12/10 19:09:03	38.1283N	+118.0732W	3.7	65 km (41 mi) SE of Hawthorne, NV
1.0	2020/12/10 18:46:11	38.4469N	+118.3031W	2.5	29 km (18 mi) ESE of Hawthorne, NV
1.3	2020/12/10 18:32:17	38.1238N	+118.0832W	1.5	65 km (40 mi) SE of Hawthorne, NV
1.7	2020/12/10 18:08:31	38.1132N	+118.0717W	0.6	66 km (41 mi) SE of Hawthorne, NV
2.2	2020/12/10 17:47:58	38.1249N	+118.0779W	3.1	65 km (40 mi) SE of Hawthorne, NV
0.9	2020/12/10 17:46:22	37.5328333N	+118.8198333W	4.89	18 km (11 mi) SE of Mammoth Lakes, CA
0.6	2020/12/10 17:41:23	38.1257N	+118.067W	2.1	66 km (41 mi) SE of Hawthorne, NV
0.8	2020/12/10 17:24:59	38.1332N	+118.0643W	2.6	65 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/10 17:07:09	38.1812N	+117.9392W	8.8	63 km (39 mi) WNW of Tonopah, NV
2.7	2020/12/10 16:50:44	38.1643N	+118.0712W	7.7	63 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/10 16:50:24	38.1378N	+118.077W	0.1	64 km (40 mi) SE of Hawthorne, NV
1.5	2020/12/10 16:36:17	38.2153N	+117.7105W	7.5	45 km (28 mi) WNW of Tonopah, NV
1.3	2020/12/10 16:27:14	38.2045N	+117.7265W	10.6	46 km (29 mi) WNW of Tonopah, NV
1.8	2020/12/10 16:10:35	38.1922N	+117.7391W	10.7	47 km (29 mi) WNW of Tonopah, NV
2.6	2020/12/10 14:23:56	38.1708N	+118.0825W	4.1	61 km (38 mi) SE of Hawthorne, NV
1.7	2020/12/10 14:23:41	38.1762N	+118.0825W	3.6	61 km (38 mi) SE of Hawthorne, NV
1.7	2020/12/10 14:18:59	38.1353N	+117.9535W	11.3	64 km (40 mi) W of Tonopah, NV
1.2	2020/12/10 13:35:26	38.1763N	+118.1088W	5.6	59 km (37 mi) SE of Hawthorne, NV
0.8	2020/12/10 12:24:20	37.6451667N	+118.8165W	5.83	14 km (9 mi) E of Mammoth Lakes, CA
1.0	2020/12/10 11:31:25	38.1777N	+117.8467W	9.5	55 km (34 mi) WNW of Tonopah, NV
1.6	2020/12/10 11:22:34	38.1423N	+118.0633W	8.3	65 km (40 mi) SE of Hawthorne, NV
0.8	2020/12/10 10:41:10	38.1955N	+118.0662W	13.0	61 km (38 mi) SE of Hawthorne, NV
1.0	2020/12/10 10:39:49	38.1575N	+118.0688W	5.3	63 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/10 10:08:08	37.5853333N	+118.8606667W	5.87	12 km (7 mi) ESE of Mammoth Lakes, CA
1.1	2020/12/10 10:04:54	38.3939N	+118.8926W	12.4	28 km (17 mi) WSW of Hawthorne, NV
0.9	2020/12/10 09:56:49	37.5793333N	+118.8581667W	5.39	12 km (8 mi) ESE of Mammoth Lakes, CA
1.4	2020/12/10 09:32:33	38.1485N	+117.8402W	10.8	54 km (34 mi) W of Tonopah, NV
3.0	**2020/12/10 08:28:01**	**38.1826N**	**+117.7888W**	**10.5**	**50 km (31 mi) WNW of Tonopah, NV**
0.9	2020/12/10 08:11:19	38.2127N	+117.7182W	9.9	46 km (28 mi) WNW of Tonopah, NV
1.0	2020/12/10 07:17:02	38.1697N	+117.8907W	8.4	59 km (37 mi) W of Tonopah, NV
0.8	2020/12/10 06:53:51	37.6393333N	+118.8218333W	5.07	14 km (9 mi) E of Mammoth Lakes, CA
0.6	2020/12/10 06:48:17	38.1625N	+118.0802W	5.8	62 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/10 06:39:19	38.1583N	+117.785W	12.6	50 km (31 mi) WNW of Tonopah, NV
0.7	2020/12/10 06:20:48	38.1652N	+118.1295W	0.0	59 km (37 mi) SE of Hawthorne, NV
1.7	2020/12/10 05:43:08	38.1448N	+118.0913W	6.7	63 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/10 05:12:27	38.1828N	+117.8705W	13.5	57 km (36 mi) WNW of Tonopah, NV
0.6	2020/12/10 04:41:36	38.2253N	+117.8915W	15.9	60 km (38 mi) WNW of Tonopah, NV
1.7	2020/12/10 04:10:01	38.1988N	+117.7365W	11.8	47 km (29 mi) WNW of Tonopah, NV

0.6	2020/12/10 04:04:00	38.1188N	+117.9843W	10.3	66 km (41 mi) W of Tonopah, NV
1.8	2020/12/10 04:00:53	38.1657N	+118.0667W	7.3	63 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/10 03:56:45	38.1746N	+117.8983W	11.3	60 km (37 mi) WNW of Tonopah, NV
0.4	2020/12/10 03:07:46	38.171N	+117.8932W	13.7	59 km (37 mi) W of Tonopah, NV
1.6	2020/12/10 02:56:13	38.174N	+118.066W	6.8	62 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/10 02:32:39	38.1623N	+118.0972W	0.0	61 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/10 02:18:24	38.1987N	+117.7717W	14.2	49 km (31 mi) WNW of Tonopah, NV
0.8	2020/12/10 02:12:34	38.205N	+117.735W	12.2	47 km (29 mi) WNW of Tonopah, NV
0.6	2020/12/10 02:00:07	38.1332N	+117.8967W	11.7	59 km (36 mi) W of Tonopah, NV
1.1	2020/12/10 01:43:09	38.1698N	+117.861W	7.8	56 km (35 mi) WNW of Tonopah, NV
1.2	2020/12/10 01:22:41	38.1622N	+118.0907W	2.2	62 km (38 mi) SE of Hawthorne, NV
0.9	2020/12/10 01:21:38	38.2265N	+118.0993W	0.9	56 km (35 mi) SE of Hawthorne, NV
1.0	2020/12/10 00:54:13	38.1475N	+118.0803W	7.0	63 km (39 mi) SE of Hawthorne, NV
2.1	2020/12/10 00:29:54	38.1473N	+118.0833W	6.2	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/09 23:59:56	38.1613N	+118.0912W	3.6	62 km (38 mi) SE of Hawthorne, NV
0.8	2020/12/09 23:52:45	38.1647N	+118.076W	3.0	62 km (39 mi) SE of Hawthorne, NV
1.3	2020/12/09 23:50:24	38.1615N	+117.8745W	6.6	57 km (36 mi) W of Tonopah, NV
0.8	2020/12/09 23:03:31	37.6466667N	+118.8138333W	7.65	15 km (9 mi) E of Mammoth Lakes, CA
1.2	2020/12/09 22:42:05	38.1805N	+118.0875W	4.4	60 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/09 22:15:24	38.1952N	+117.7183W	7.0	45 km (28 mi) WNW of Tonopah, NV
1.3	2020/12/09 22:09:11	38.1655N	+117.9553W	6.8	64 km (40 mi) W of Tonopah, NV
1.5	2020/12/09 21:27:41	38.1675N	+117.8678W	10.2	57 km (35 mi) W of Tonopah, NV
0.9	2020/12/09 21:07:50	38.1793N	+117.8717W	9.1	57 km (36 mi) WNW of Tonopah, NV
2.1	2020/12/09 21:00:55	38.1701N	+118.0564W	6.4	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/09 20:57:32	38.153N	+117.8808W	13.2	58 km (36 mi) W of Tonopah, NV
1.6	2020/12/09 20:41:20	38.1618N	+117.9518W	8.2	64 km (40 mi) W of Tonopah, NV
1.2	2020/12/09 20:16:21	38.1713N	+117.8845W	12.5	58 km (36 mi) W of Tonopah, NV
2.4	2020/12/09 20:11:17	38.168N	+118.0654W	6.7	63 km (39 mi) SE of Hawthorne, NV
2.3	2020/12/09 20:11:10	38.1689N	+118.0692W	6.0	62 km (39 mi) SE of Hawthorne, NV
1.2	2020/12/09 19:51:43	38.0905N	+118.0707W	1.6	68 km (42 mi) SE of Hawthorne, NV
1.1	2020/12/09 19:51:05	38.1175N	+118.0735W	0.0	66 km (41 mi) SE of Hawthorne, NV
0.1	2020/12/09 19:47:07	37.643N	+118.887W	2.86	8 km (5 mi) E of Mammoth Lakes, CA
1.1	2020/12/09 19:41:09	38.1067N	+118.0728W	0.6	67 km (42 mi) SE of Hawthorne, NV
2.3	2020/12/09 17:33:50	38.1651N	+118.092W	3.7	61 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/09 17:27:35	38.1573N	+118.0865W	4.5	62 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/09 15:30:58	38.1613N	+118.0792W	3.7	62 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/09 15:30:36	38.1783N	+118.0505W	6.8	63 km (39 mi) SE of Hawthorne, NV
2.0	2020/12/09 15:17:47	38.1746N	+118.0607W	5.2	63 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/09 13:29:16	37.9098N	+118.5795W	0.3	46 km (29 mi) NE of Mammoth Lakes, CA

0.9	2020/12/09 13:28:42	38.2595N	+117.6885W	13.9	45 km (28 mi) WNW of Tonopah, NV
1.4	2020/12/09 13:18:12	37.916N	+118.5963W	5.9	46 km (28 mi) NE of Mammoth Lakes, CA
2.0	2020/12/09 13:13:00	38.1687N	+118.0765W	6.7	62 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/09 12:56:52	38.1532N	+118.0678W	2.0	64 km (40 mi) SE of Hawthorne, NV
0.9	2020/12/09 12:37:13	38.1493N	+118.082W	8.0	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/09 12:31:10	38.2167N	+117.8173W	16.1	54 km (33 mi) WNW of Tonopah, NV
1.3	2020/12/09 12:29:17	38.168N	+118.0602W	9.5	63 km (39 mi) SE of Hawthorne, NV
1.1	2020/12/09 12:14:49	38.124N	+118.059W	7.0	66 km (41 mi) SE of Hawthorne, NV
1.5	2020/12/09 10:12:54	38.1287N	+118.061W	14.6	66 km (41 mi) SE of Hawthorne, NV
1.0	2020/12/09 07:36:23	38.168N	+117.9222W	6.2	62 km (38 mi) W of Tonopah, NV
1.0	2020/12/09 07:11:33	38.2038N	+118.0492W	8.3	61 km (38 mi) SE of Hawthorne, NV
1.4	2020/12/09 06:50:38	38.1807N	+117.8663W	14.1	57 km (35 mi) WNW of Tonopah, NV
0.6	2020/12/09 06:28:32	38.1465N	+118.0903W	3.9	63 km (39 mi) SE of Hawthorne, NV
0.4	2020/12/09 06:20:51	38.1655N	+117.8833W	6.0	58 km (36 mi) W of Tonopah, NV
0.9	2020/12/09 05:52:28	38.151N	+118.0677W	8.0	64 km (40 mi) SE of Hawthorne, NV
0.6	2020/12/09 05:19:27	37.6431667N	+118.8303333W	11.06	13 km (8 mi) E of Mammoth Lakes, CA
1.3	2020/12/09 05:15:30	38.1652N	+118.063W	7.2	63 km (39 mi) SE of Hawthorne, NV
0.9	2020/12/09 05:12:58	37.647N	+118.8211667W	7.26	14 km (9 mi) E of Mammoth Lakes, CA
1.1	2020/12/09 04:34:24	38.1343N	+117.9978W	0.4	68 km (42 mi) W of Tonopah, NV
1.0	2020/12/09 04:23:32	38.1245N	+118.0815W	0.8	65 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/09 04:21:06	38.1685N	+118.0703W	8.2	62 km (39 mi) SE of Hawthorne, NV
0.6	2020/12/09 03:02:53	38.0922N	+118.155W	5.6	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/09 03:01:45	38.1718N	+118.0907W	4.1	61 km (38 mi) SE of Hawthorne, NV
0.7	2020/12/09 02:51:48	38.1692N	+117.89W	6.8	59 km (37 mi) W of Tonopah, NV
0.6	2020/12/09 02:21:50	38.1695N	+118.0612W	4.4	63 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/09 01:58:11	38.1492N	+118.0978W	5.6	62 km (39 mi) SE of Hawthorne, NV
0.8	2020/12/09 01:49:24	38.16N	+118.0918W	1.7	62 km (38 mi) SE of Hawthorne, NV
1.2	2020/12/09 01:41:32	38.1782N	+118.0313W	18.1	64 km (40 mi) SE of Hawthorne, NV
1.8	2020/12/09 01:40:36	38.1735N	+118.0372W	10.0	64 km (40 mi) SE of Hawthorne, NV
1.2	2020/12/09 01:38:34	38.1343N	+118.0555W	2.5	66 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/09 01:19:58	38.176N	+117.979W	6.9	67 km (41 mi) W of Tonopah, NV
0.3	2020/12/09 01:11:47	37.6398333N	+118.8833333W	1.89	8 km (5 mi) E of Mammoth Lakes, CA
1.7	2020/12/09 01:06:18	37.6366667N	+118.8878333W	2.84	8 km (5 mi) E of Mammoth Lakes, CA
1.0	2020/12/09 01:06:12	37.6378333N	+118.8878333W	2.7	8 km (5 mi) E of Mammoth Lakes, CA
1.2	2020/12/09 00:55:47	38.167N	+118.086W	0.1	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/09 00:44:28	38.1552N	+118.0903W	2.8	62 km (39 mi) SE of Hawthorne, NV
0.4	2020/12/09 00:28:25	38.1522N	+117.9175W	11.7	61 km (38 mi) W of Tonopah, NV
1.0	2020/12/09 00:12:13	38.1812N	+117.8678W	10.7	57 km (35 mi) WNW of Tonopah, NV
0.8	2020/12/09 00:05:39	38.1647N	+118.0972W	4.3	61 km (38 mi) SE of Hawthorne, NV

0.5	2020/12/08 23:51:57	38.16N	+118.0715W	5.9	63 km (39 mi) SE of Hawthorne, NV
0.4	2020/12/08 21:41:45	37.6433333N	+118.8161667W	5.61	14 km (9 mi) E of Mammoth Lakes, CA
1.4	2020/12/08 21:17:01	38.1588N	+118.0837W	6.9	62 km (39 mi) SE of Hawthorne, NV
1.0	2020/12/08 21:03:16	38.1612N	+118.1107W	0.9	60 km (37 mi) SE of Hawthorne, NV
0.7	2020/12/08 20:59:48	37.6536667N	+118.8383333W	5.55	13 km (8 mi) E of Mammoth Lakes, CA
0.7	2020/12/08 20:56:05	38.1778N	+117.8465W	10.7	55 km (34 mi) WNW of Tonopah, NV
1.3	2020/12/08 20:37:16	38.1982N	+117.8545W	8.5	56 km (35 mi) WNW of Tonopah, NV
0.6	2020/12/08 19:28:02	38.1763N	+118.0768W	2.7	61 km (38 mi) SE of Hawthorne, NV
-0.1	2020/12/08 19:22:59	37.6186667N	+118.8455W	2.59	12 km (7 mi) E of Mammoth Lakes, CA
0.8	2020/12/08 18:11:24	38.1413N	+117.8965W	12.5	59 km (37 mi) W of Tonopah, NV
1.0	2020/12/08 16:30:56	38.1447N	+118.078W	3.9	64 km (40 mi) SE of Hawthorne, NV
1.0	2020/12/08 16:25:11	38.2125N	+117.7263W	10.6	46 km (29 mi) WNW of Tonopah, NV
2.0	2020/12/08 16:03:56	38.1741N	+118.0684W	4.5	62 km (39 mi) SE of Hawthorne, NV
1.6	2020/12/08 15:44:43	38.1698N	+117.8715W	6.9	57 km (36 mi) W of Tonopah, NV
2.1	2020/12/08 15:22:36	38.1705N	+118.0671W	5.5	63 km (39 mi) SE of Hawthorne, NV
1.5	2020/12/08 15:15:47	38.1683N	+117.8345W	8.3	54 km (34 mi) WNW of Tonopah, NV
1.5	2020/12/08 14:50:10	38.127N	+118.0668W	0.9	66 km (41 mi) SE of Hawthorne, NV
1.2	2020/12/08 14:18:51	38.1722N	+118.0798W	1.6	62 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/08 14:14:36	38.1755N	+118.072W	0.1	62 km (38 mi) SE of Hawthorne, NV
1.4	2020/12/08 13:40:56	38.1532N	+118.0822W	6.9	63 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/08 11:54:07	38.1702N	+118.0748W	6.2	62 km (39 mi) SE of Hawthorne, NV
1.4	2020/12/08 11:38:03	38.1665N	+118.0885W	4.4	61 km (38 mi) SE of Hawthorne, NV
1.1	2020/12/08 11:32:34	38.171N	+117.8662W	6.6	57 km (35 mi) WNW of Tonopah, NV
1.1	2020/12/08 11:13:02	38.2008N	+117.8957W	2.2	60 km (37 mi) WNW of Tonopah, NV
0.3	2020/12/08 11:04:54	37.6446667N	+118.8158333W	5.78	14 km (9 mi) E of Mammoth Lakes, CA
2.5	2020/12/08 10:38:37	38.1688N	+118.0845W	3.5	61 km (38 mi) SE of Hawthorne, NV
1.7	2020/12/08 09:53:31	38.1427N	+118.0898W	5.3	63 km (39 mi) SE of Hawthorne, NV
3.1	**2020/12/08 09:48:21**	**38.157N**	**+118.0854W**	**7.1**	**62 km (39 mi) SE of Hawthorne, NV**
2.0	2020/12/08 09:14:28	38.0579987N	+118.7279968W	2.63	52 km (32 mi) NNE of Mammoth Lakes, CA
2.0	2020/12/08 09:13:12	37.9920006N	+118.6726685W	2.73	48 km (30 mi) NE of Mammoth Lakes, CA

[Index map || Big earthquake list || All earthquake list || Glossary of terms || Top page]
[Did you feel it? || ShakeMaps || Relative2Me]
[Data Sources]

Special maps
Long Valley || Los Angeles || San Francisco

Data Sources
US and World - USGS/NEIC = National Earthquake Information Center
Northern California - UCB = University of California, Berkeley
Southern California - Caltech = California Institute of Technology
Nevada - UNR = University of Nevada, Reno
Offshore = West Coast & Alaska Tsunami Warning Center
...all members of the Advanced National Seismic System (ANSS)

Division of Geological and Planetary Sciences | California Institute of Technology

©2020 Copyright | Privacy Notice | Citation Policy | Contact | Comments: Email